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CENTRAL INTELLIGENCE AGENCY

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SOURCE Newspapers as indicated.

## AUTOMOTIVE INDUSTRY REVEALS PROGRESS

DESIGN NEW-TYPE MOTOR RAIL CAR -- Leninskoye Znamya, No 61, 24 Mar 50

In the course of a single month, the Leningrad Onezhskiy Plant designed and produced a new type of rail motor car, the MAO-4, which has an axle load of 2 tons. It requires less metal and has shown good traction power in testing. It was produced in close collaboration with the Arkhangel'sk Forestry Engineering Institute.

The plant has also accomplished a great deal in preparation for the series production of the light ALTI-2 rail motor cars. Among the many difficulties to be solved was the milling of a 5-thread worm gear. This was done by Chekhonin, a worker at the plant, who devised a number of original attachments. Another worker, A. V. Savel'yev, worked out a lathe attachment for boring the reverse- and worm-gear housings.

A specially valuable contribution to the plant, due to the combined effort of A. V. Savel'yev, P. G. Smirnov, and B. N. Odlis, is an advanced technique for covering ferrous metal parts, such as bearings and bushings, with bronze. This has resulted in a 90-percent reduction in bronze consumption.

BUILD NEW SEMI-CATERPILLAR TRUCK -- Moskovskaya Pravda, No 36, 1 Apr 50

A new semi-Caterpillar truck for hauling timber, built by the Forestry Engineering Academy imeni S. M. Kirov, in collaboration with Gidrolestrans (Timber Water Transport), has been found satisfactory after prolonged tests under difficult winter conditions. It has been recommended for series production.

DESIGNS NEW TRUCK BODY -- Sovetskaya Moldaviya, No 66, 31 Mar 50

I. Trutskiy, a Baku worker, has designed a general-purpose truck body for the oil industry, which can carry pipes and bars on racks attached to the sides of the body, as well as heavy equipment. It has a loading crane mounted inside. Many trucks of the Leninneft' Trust now have this type of body.



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TO RECORD PRODUCTIVITY OF INDIVIDUAL WORKER -- Trud, No 70, 23 Mar 50

B. Pushkin, chief engineer of the Yaroslavl' Automobile Plant, has proposed a system of computing the rise in the productivity of individual workers as a result of the implementation of innovator's suggestions. His proposal has been acclaimed by the plant and has received official approval and support from the Trade Union Council of Yaroslavl' Oblast.

Trud, No 72, 25 Mar 50

The designers and technical engineers of the Yaroslavl' Automobile Plant have decided to adopt the system of maintaining individual performance records, recently proposed by Pushkin, chief designer of the Yaroslavl' Automobile Plant.

The designers of the Yaroslavl' Krasnyy Mayak Plant, which manufactures electric saws, slotting machines, and vibrators will also adopt Pushkin's system.

BEARING PLANT TO IMPROVE TECHNIQUES -- Trud, No 77, 31 Mar 50

Engineer B. Pushkin's proposal has evoked enthusiastic approval among the designers of the First State Bearing Plant imeni L. M. Kaganovich, who have undertaken to effect a saving of 1,220,000 rubles through technical improvements. Improvements will be made in the machine for rolling out races, which will result in an annual saving of 720,000 rubles and 200 tons of metal annually. Hydraulic cleaning of metal rods will be introduced, with an annual saving of 200,000 rubles. Electric riveting of cross bars will increase production five-fold and save 250,000 rubles. More rational use of greasing materials will save 50,000 rubles.

The internal- and groove-grinding machines will be equipped with instruments which will control the dimensions of a part during the machining; this will save 200,000 rubles. The forging dies will be modernized and rings with conical apertures will be made in closed moulds; this will save 120,000 ruble .

CALLS BEARING PLANT EFFICIENT -- Krasnaya Zvezda, No 77, 31 Mar 50

The Second Moscow Bearing Plant is a model of efficiency, high productivity, and cleanliness. All the machine tools have been equipped with individual drive mechanisms and operate in accordance with high- and super-speed methods.

PLANT MAKES NEW-TYPE BIKES -- Trud, No 71, 24 Mar 50

The Kharkov Bicycle Plant has turned out new types of bicycles for adolescents. The models are now undergoing tests and will go into series production in July.

BICYCLE PLANT IMPROVING -- Sovetskaya Latviya, No 78, 1 Apr 50

At the Sarkana Zvaygzne Bicycle Plant, a campaign is under way for the maintenance of machine tools and maximum production per unit of equipment. Automatic machine tools have begun to work with precision and without interruptions. The best Stakhanovites are doing up to 2½ norms per shift. Rejects have been considerably reduced.



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PLANT DOES REPAIR CASTING -- Sovetskaya Belorussia, No 65, 29 Mar 50

The Minsk Automobile Plant has a casting shop for repair purposes. The shop manages to produce two castings per shift in its half-ton furnace.

SELLS CARS, MOTORCYCLES, BIKES, SPARE PARTS -- Sovetskaya ~~Pravda~~ Litva, No 73, 26 Mar 50

The Minsk Specialized Store of the Glavavtotraktorosbyt (Main Administration of Automobile and Tractor Parts Sales) announces the sale of Pobeda and Moskvich cars, Moskva and Kiyevlyanin motorcycles, and latest type bicycles for personal use. Motorcycles are sold on credit to kolkhozes, industrial artels, and various public organizations.

HUNGARY BUYS TROLLEY BUSSES -- Kommunist, No 78, 1 Apr 50

Budapest, Hungary, has opened its first bus line which uses trolley busses purchased in the USSR.

CARBURETOR PLANT SHOWS PROGRESS -- Sovetskaya Litva, No 77, 31 Mar 50

At the Kuybyshev Carburetor Plant every third worker is a "rationalizer." As a result of the number of suggestions implemented last year, more than 6 million rubles were saved.

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